

Use of feeders...

Y/001/60/000/005/001/002
D257/D304

component, equals R_k ; if the imaginary component is compensated for, at this point, the feeder is matched; and generator bears only the real part, regardless of feeder length). Compensation is generally, carried out by short leads ($< \lambda/4$), at the point on the line where the impedance character is capacitive, so then Eq. (80)

$$\lg \beta'_1 = \sqrt{\frac{R_s}{R_1}} = \sqrt{\frac{U_{\max}}{U_{\min}}} = \sqrt{\rho}$$

(80)

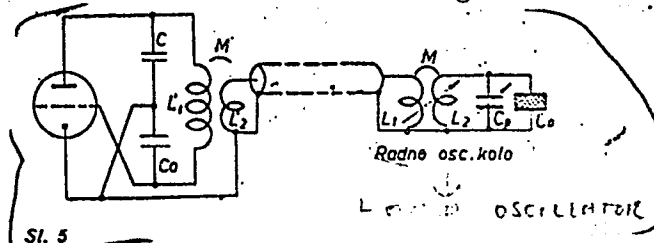
is obtained giving length l'_1 , where the lead is placed, lead of length s_3 given by: $\tan \beta_s =$

$$\rho^{1/2}/\epsilon - 1.$$

This method of matching the feeder is good when fairly high frequencies are being used for heating. At lower frequencies, it is unsuitable, and fluctuations have to be allowed for, when matching. There are 14 figures.

SUBMITTED: May 20, 1959

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Sl. 5

S/169/63/000/001/002/062
D218/D307

AUTHORS: Kochi-Karel, Bodlak, Alois

TITLE: International comparative geomagnetic measurements in 1960

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1963, 7, abstract 1A26 (In collection: Rezul'taty geomagnitn., tellurich. i ionosfern. izmereniy, proved. v observ. Prugonitse, Budkov i Panska Ves v 1959, godu. Praga, Chekhosl. AH, 1962, 7-142)

TEXT: In 1960 the Nimegk Observatory (E. Germany) carried out comparisons of absolute magnetic instruments of the Geophysics Institute of the Czechoslovak AS with the instruments at the Nimegk Observatory. Corrections were obtained to the results of absolute measurements and also the differences between the Nimegk and Prugonitse standards.

[Abstracter's note: Complete translation]

Card 1/1

L 06245-67 EWP(v)/EWP(k)/EWP(h)/EWP(1)

ACC NR: AP6020167

(A)

SOURCE CODE: CZ/0078/66/000/002/0006/0006

INVENTOR: Babicky, Antonin [Brandys-Boleslav]; Bořlak, Jaroslav [Kostelec nad Labem]

ORG: None

TITLE: [Device for the automatic maintenance of instrument level above ground.]
CZ Pat. No. PV 6952-64, Class 19

SOURCE: Vynalezy, no.2, 1966, 6

TOPIC TAGS: automatic control, automatic control design, *PRECISION INSTRUMENT MACHINERY*

ABSTRACT: A device for the automatic maintenance of operating instruments mounted on a vehicle at a constant height above the ground independent of vehicle load is described. The distinguishing feature of the device is that the operating instruments are suspended from cables or chains leading from guide pulleys mounted on the suspended parts of the vehicle and attached to one arm of a two-armed lever which is attached like a pendulum to the sprung parts of the vehicle and is supported by the second arm of the unsprung part of the vehicle.

SUB CODE: 13/ SUBM DATE: 10Dec64

Card 1/1 *efu*

HUSTY, Zdenek (Brno); LEPII, Oldrich (Gottwaldov); BODLAK, Vaclav (Kar-
lovy Vary); MIKESKA, Jindrich (Ostrava); KLATIL, Jiri (Plzen);
HRADECKY, Frantisek (Praha); KLEIN, Tomas (Zvolen)

Reports from branches. Pokroky mat fyz astr 8 no.5:306-312 '63.

HUSTY, Zdenek (Brno); VEJSADA, Frantisek (Ceske Budejovice); BODLAK, Vaclav (Karlovy Vary); DUNAJSKY, Ladislav (Nitra); LEPIL, Oldrich (Olomouc); HORACEK, Rudolf (Olomouc); HRADECKY, Frantisek (Praha); ROSETSKA, Milada (Trnava); PROCHAZKA, Jiri (Usti nad Labem)

Reports from local organizations of the Union of Czechoslovak Mathematicians and Physicists. Pokroky mat fyz astr 9 no.2:134-141 '64.

L 29431-66

EWT(d)/EWP(1)

IJP(c)

BB/GG/GD

ACC NR: AT6012897

SOURCE CODE: UR/0000/65/000/000/0185/0196

AUTHOR: Sergeyev, G. A.; Sukhodol'skiy, G. V.; Bodlozerov, V. M.

ORG: None

TITLE: Investigation of the statistical characteristics of a human operator for the case of nonstationary input signals

SOURCE: Sistema chelovek i avtomat (Man-automaton systems). Moscow, Izd-vo Nauka, 1965, 185-196

TOPIC TAGS: automatic control system, man machine communication, human engineering, error minimization, bionics

ABSTRACT: The authors consider the stability of individual elements in a man-machine system under the effect of random control signals. The extreme variability in the dynamic parameters of the human operator in each specific case makes it necessary to use statistical characteristics to account for the degree of nonlinear information conversion by the operator. A generalized statistical characteristic is given which reflects the structural properties of input and output errors made by the operator. The degree of nonlinear information conversions made by a human operator is experimentally evaluated by studying the effect of nonstationary input action on the output errors of the operator. The operator was required to follow a target moving in conformity with a nonstationary random function with various parameters. Specimens of the programmed motion of the target are given together with the results of human tracking. The efficiency of the operation.

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L 29431-66

ACC NR: AT6012897

tor was evaluated by the output error defined as the root-mean-square deviation of the pointer used to follow the target from the mathematical expectation. A hypothetical model is proposed for the human tracking system based on two control circuits: external-exteroceptive and internal-proprioceptive. The characteristic features of this human cybernetic model are discussed and the correlation functions for error components calculated on the basis of this model are compared with experimental data. The results indicate that a human operator should be used in the final links of a man-machine system. Orig. art. has: 2 figures, 3 formulas. [08]

SUB CODE: 05 / SUBM DATE: 02Aug65 / ORIG REF: 009 / ATD PRESS: 5009

Card 2/2 *h*

BODNAR, Artur

International cooperation in the construction of automobiles.
Pt. 1. Motor 11 no.44:3 4 N '62.

BODNAR, A.N.

Interfactory school is an effective form of technical propaganda;
practices of the Tambov House of Scientific and Technological Propaganda.
NTI no.5:11 '65. (MIRA 18:7)

BODNAR, B.

Pouring gray pig iron in cast-iron molds. p. 274

KOHASZATI LAPOK. (Magyar Banyaszati es Kohaszati Egyesulet)
Budapest, Hungary
Vol. 13, no. 12, Dec. 1958

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no. 7, July 1959
Uncl.

BODNAR, Hela

Production of grey cast iron in permanent moulds. Koh lap 91:
Suppl.: Ontode 9 no.12:274-276 D '58.

1. MAVAG Ontodek.

5(1,3)

AUTHORS:

Losev, I. P., Smirnova, O. V., Bodnar, E., Lutsenko, L. M.,
Konazhevskiy, A. SOV/153-2-4-23/32

TITLE:

Synthesis of α -Chloroacrylic Acid Esters

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya
tekhnologiya, 1959, Vol 2, Nr 4, pp 589 - 593 (USSR)

ABSTRACT:

A report on this paper was given at the All-Union Conference on "Ways of Synthesis of Initial Products for the Production of High Polymers" which took place in Yaroslavl' from September 29 to October 2, 1958. Among the polymer synthetics, gaining more and more importance, the acryl derivatives are outstanding because of their many valuable properties. On the other hand, polymers obtained from the derivatives of acrylic and methacrylic acid esters show considerable shortcomings such as little resistance to heat, wear, and crack formation. One of the ways of eliminating these shortcomings is polymer production on the basis of the esters mentioned in the title. Only α -substituted esters can be used (Refs 1,2). After giving a survey of publications (Refs 3-9), the authors state that the synthesis of the esters mentioned in the title in the presence of concentrated H_2SO_4 and

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Synthesis of α -Chloroacrylic Acid Esters

SOV/153-2-4-23/32

alcohol is of high practical interest (because the initial substances triethylene chloride and formaldehyde are easy to obtain) (Refs 11,12). In the paper under review, publication data on the synthesis of methyl esters were taken into consideration, and the way of synthesis of other esters (ethyl, n.propyl-, isopropyl-, n.butyl-, isobutyl-, isoamyl-, and cyclohexyl-ester) were investigated. The synthesis of the acid mentioned in the title with an extended carbon chain has been little described in publications (Ref 4). Acrylic acid ester, acrylonitrile, and triethylene chloride were used as raw materials. Starting from the former, any esters can be synthesized in two stages: a) synthesis of the ester of α,β -dichloropropionic acid, b) dehydrochlorination of dichloro derivatives obtained from propionic acid by means of various separating agents. C o n c l u s i o n s : 1) In the chlorination of acrylic acid esters by means of gaseous chlorine in the presence of dimethyl formamide, corresponding esters of α,β -dichloropropionic acid are formed with a yield of more than 90% (of the theoretical yield). 2) α,β -dichloropropionitrile was formed by direct chlorination of acrylonitrile under the same conditions. This method of chlorination is new.

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. Synthesis of α -Chloroacrylic Acid Esters

SOV/153-2-4-23/32

3) Preparation of esters of the acid mentioned under 1) from the substance mentioned under 2) gives a yield of up to 75%, it is convenient, and interesting with regard to waste utilization of acrylonitrile production. 4) By means of chlorination, saponification, and esterification of acrylonitrile, various esters of dichloropropionic acid can be obtained in one process (yield up to 80%). 5) Sodium acetate proved to be the best separating agent in dehydrochlorination of the ester of α, β -dichloropropionic acid (yield of 80%). 6) Various esters can be obtained in the preparation of the esters of α -chloroacrylic acid from triethylene chloride and formaldehyde in the presence of the respective alcohol and H_2SO_4 . The ester yield decreases with increasing chain length of the alcohol radical. No esters are formed if isoamyl- and cyclohexyl alcohol are used. There are 2 figures, 1 table, and 12 references, 1 of which is Soviet. ASSOCIATION: Moskovskiy khimiko-tekhnologicheskii institut imeni D. I. Mendeleeva (Moscow Institute of Chemical Technology imeni D. I. Mendeleev)

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5(1)

RUM/3-59-8-21/32

AUTHOR: ~~Bodnar, E.~~ Bodnar, E., Engineer, Candidate of Technical Sciences,
Technical Director

TITLE: Planning Activities - An Important Factor in the Development of the Chemical Industry

PERIODICAL: Revista de chimie, 1959, Nr 8, pp 481-485 (Rumania)

ABSTRACT: The author begins his article with a historical review of the situation of the chemical industry in Rumania. That situation is described as unfavorable during the capitalistic period. After nationalization of the industrial, mining, transportation and banking companies, the socialist sector of the chemical industry was established. In July 1948, research institutes and semi-industrial production plants were created to meet increasing requirements. One of those organizations was ICEPS. Another institution, IPOCHIM (Institutul de proiectare pentru fabrici de produse chimice (Institute of Chemical-Product Factory Planning) was created on April 1, 1950, by a decision of the

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RUM/3-59-8-21/32

Planning Activities - An Important Factor in the Development of the Chemical Industry

Council of Ministers, Nr 604 in 1950. The author presents a description of the development of IPROCHIM and its activities. Today the institute is organized in "speciality workshops". There are the following main sectors of activities: technology, building and architecture, equipment, installations, and utilities. The technological sector is divided into the following workshops: sulfuric acid and inorganic chemistry, non-ferrous metallurgy, petrochemistry and synthetic rubber, chemical processing of natural gas, organic synthesis, drugs and mining. Detailed data are given on the activities of the personnel, the number of working hours, average salaries, distribution of the planning, cooperation with foreign, especially Soviet institutions such as Giprokhim Moscow, and GIAP Moscow. There are 9 diagrams. ✓

ASSOCIATION: Institutul de proiectări chimice, IPROCHIM (Chemical Card 2/2 Projecting Institute).

BODNAR, E.; AROS, B.

Histological investigation of the neurohormonal function of invertebrates. p. 211

A MAGYAR TUDOMANYOS AKADEMIA V. OKTATÁSI ÉS KUTATÁSI CSOPORTJÁNAK KÖZLEMÉNYEI.
Budapest, Hungary. Vol. 2, no. 2, 1958.

Monthly List of East European Accession (EEAI), LC, Vol. 9, no. 2, Feb. 1960

Uncl.

BODNAR, Endre, dr.

Juvenile cardiospasm. Orv. hetil. 102 no.46:2187-2188 12 N '61.

1. Vasarosnamenyi Jarasi Korhas, Belosztaly.

(CARDIOSPASM in inf & child)

BODNAR, Endre, dr.

Heart massage through the closed thoracic wall. Magy. sebesz. 15 no.3:
182-183 Je '62.

1. Fovarosí Tanács László Kórház.

(HEART ARREST ther) (RESUSCITATION)

HUNGARY

BODNAR, Endre, Dr.; Capital City Laszlo Hospital (Fovarosi Laszlo Korhaz),
Budapest.

"Hypokalemic Respiratory Paralysis."

Budapest, Orvosi Hetilap, Vol 104, No 28, 14 July 1963, pages 1325-1326.

Abstract: [Author's Hungarian summary] The author presents a case of ammonium chloride poisoning. The resultant severe hypokalemia was accompanied by respiratory paralysis and transient kidney insufficiency. The recovery of the patient is attributed to the electrolyte determination which is carried out routinely in severe cases. The author discusses the mechanism of the development of hypokalemia. The possibility is presented that, in addition to the known changes occurring in severe hypokalemia, a liver function disturbance and an increase in the liquor protein can also arise. } Hungarian, 10 Western references.

2473
1/1

LITTMANN, Imre, dr.; KENEDI, Istvan, dr.; LOBLOVICS, Ivan, dr.;
BOROCZ, Lajos, dr.; BODNAR, Endre, dr.

Diagnostic problems in advanced mitral stenosis. Orv. hetil.
104 no.37:1741-1744 15 S '63.

1. Tetenyi uti Korhaz, I. Sebeszeti Oszaly.
(MITRAL STENOSIS) (AORTIC STENOSIS)
(ANGIOCADIOGRAPHY) (ELECTROCARDIOGRAPHY)
(HEART AUSCULTATION) (THORACIC RADIOGRAPHY)
(BLOOD PRESSURE DETERMINATION)

LOBLOVICS, Ivan, dr.; BODNAR, Endre, dr.; BOROCZ, Lajos, dr.;
LITTMANN, Imre, dr.

Modern oximetry in heart surgery. Orv. hetil. 104 no.46:
2181-2182 17 N '63.

1. Tetenyi uti Korbaz, I sz. Sebészeti Osztaly.
(OXIMETRY) (HEART SURGERY)
(EQUIPMENT AND SUPPLIES)

FONO, Renee, dr.; LITTMANN, Imre, dr.; BOROCZ, Lajos, dr.; BUKY, Bela,
dr.; BODNAR, Endre, dr.; LOBLOVICZ, Ivan, dr.; TASNADI, Ferenc, dr.

Cases of patent ductus arteriosus operated on during the
past 14 years. Orv.Hetil.105 no.22:1015-1017 My 31 '64.

1. Budapesti Orvostudományi Egyetem, II. Gyermekklinika és
Orvostovábbképző Intézet, Sebészeti Tanszék.

MATYUS, Lajos, dr.; BODNAR, Endre, dr.; LITTMANN, Imre, dr.; PETER, Marton, dr.

Aneurysm of the splenic artery ruptured into the gastrointestinal tract. Orv. hetil. 105 no.37:1759-1761 13 S '64.

1. Fovarosí Tényi uti Korház, I Sebészeti Osztály.

LOBLOVICS, Ivan, dr.; BODNAR, Endre, dr.

Multiple embolectomy. Orv. hetil. 106 no.26:1231-1232 27 Je'65.

1. Tetenyi uti Korhaz, I. Sebészeti Osztaly.

HOLLANDER, Erzsebet, dr.; BODNAR, Endre, dr.

Drug therapy and surgery of Morgagni-Adams-Stokes syndrome.
Orv. hetil. 106 no.36:1699-1701 5 8'65.

1. Orvostovábbképző Intézet, II. Belgyógyászati és Sebészeti
Tanszék.

LITTMANN, Imre, dr.; LOBLOVICS, Ivan, dr.; BODNAR, Endre, dr.; BOROCZ,
Lajos, dr.

Successful surgery of left atrial myxoma. Orv. hetil. 106 no.50:
2370-2371 12 D ' 65.

~1. Orvostovábbképző Intézet, Székesfehérvár Tanácsok.

HUNGARY

BODNAR, Endre, Dr, LOBLOVICS, Ivan, Dr, TOTH, Judit, Dr; Institute of Post-graduate Medical Education, Department of Surgery (Orvostovábbképző Intézet, Sebeszeti Tanszék), and B. M. Korvin Otto Hospital, Surgical Ward (B. M. Korvin Otto Kórház, Sebeszeti Osztály).

"Experiences with the Smithwick-Telford Operation."

Budapest, Magyar Sebeszet, Vol XIX, No 2, Apr 66, pages 101-106.

Abstract: [Authors' Hungarian summary] On 4 patients, a total of 5 thoracic sympathectomy (Smithwick-Telford) operations were performed. Three of the patients underwent surgery because of occlusion of a main vessel; one had Buerger's disease. By means of the original technique of thoracic sympathectomy as recommended by Smithwick, excellent results were achieved in every case. The uniformly good result is considered to be a condition which must definitely be taken into consideration when the indications for an eventual reconstructive operation are set up. All 11 references are Western.

LOSEV, I.P.; SHIRNOVA, O.V.; BODNER, E.M.; LUTSENKO, L.M.;
KONAZHENSKIY, A.S.

Polymerization of α -chloroacrylic acid esters. Izv.vys.ucheb.
zav.;khim.i khim.tekh. 4 no.3:471-476 '61. (MIRA 14:10)

1. Moskovskiy khimiko-tekhnologicheskii institut imeni
Mendeleyeva, kafedra tekhnologii vysokomolekulyarnykh
soyedineniy.

(Acrylic acid)
(Polymerization)

Bodnar, GY.

BODNAR, GY. - Elektrotechnika - Vol. 48, no. 4, Apr. 1955.

Systematic use of the Soboliev method in factories of the electric industry
in the German Democratic Republic. p. 137.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

BODNAR, GY.

A BANYATERV KOZLEMEENYEL. (Banyaszati Tervezo Intezet) Budapest.

Coordination problems of technological and electric designs in the designing of dispatcher installations of coal-preparation plants. p. 59.

No. 9, Dec. 1958.

Monthly List of East European ^{cc}essions (EEAI), LC, Vol. 8, No. 3,
March 1959 Unclass.

BODNAR, Gyorgy

Cooperation among the European people's democracies in the
field of electric power. Elektrotechnika 52 no.8/9:393-395
'59.

BODNAR, Gyorgy

World Power Conference in Madrid. Elektrotechnika 53 no.2/3:94
'60.

BODNAR, Gyorgy

New period in the electrification of the Soviet Union.
Elektrotechnika 53 no.10:470-474 '60.

BODNAR, Gyorgy

Foreign news. Elektrotechnika 54 no.1/2:94 F '61.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy.

Automatic projectors for movie theaters. Villamossag 9
no.12:381-382 D '61.

BODNAR, Gyorgy

Electric power economy. Villamosság 10 no.5:155-156
My '62.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

Direct production of electric current from reactor
heat. Villamossag 10 no.5:157-158 My '62.

1. "Villamossag" szerkeszto bizottsagi tagja.

P

BODNAR, Gyorgy

A new type piezo-electric ignition system. Villamossag 10
no.7:217-218 J1 '62.

1. "Villamossag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New electric motors with printed coils. Villamossag 10
no.7:218-219 J1 '62.

1. "Villamossag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

The dipping-casting process. Villamosság 10 no.7:219-220
Jl '62.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

Technical novelties. Villamosság 10 no.7:220-222 J1 '62.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

Foreign news. Elektrotechnika 55 no.11:504 N '62.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

On the 6th session of the World Power Conference. Villamossag 11
no.2:57 F '63.

1. "Villamossag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New products. Villamosság 11 no.2:60-62 F '63.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

"Implements treated by hot steam." Villamosag 11 no.3:92-93 Mr '63.

1. "Villamosag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

"Shaping workpieces by electrolytes." Villamosság 11 no.3:93 Mr
'63.

1. "Villamosság" szerkeszto bizottsagi tagja.

BOENAR, György

Metal conversion by electromagnets. Villamosság 11 no.6:
189-190 Je '63.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

~~1. "Villamosság"~~ New electric apparatus. Villamosság 11 no.6:191 Je '63.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

Electronic time clock. Villamosság 11 no.7:219 J1 '63.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New technological products. Villamosság 11 no.7:219-220 JI '63.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New technical products. Villamosság 11 no.8:252-254 Ag '63.

1. "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

Foreign news. Elektrotechnika 56 no.3:133 Mr '63.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New products in electrical engineering. Villamosag 11 no.9:
284-287 S '63.

1. "Villamosag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

Selection of engine-protecting devices. Elektrotechnika 56 no.10:
473 0 '63.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

"The K 139 type small-size master switch" by Elizabeth Kreissl.
Reviewed by Gyorgy Bodnar. Elektrotechnika 56 no.10:474 0 '63.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

"Short direct-current arc quenching and its movements in overvoltage arresters" by Ing.H.Scholz. Reviewed by Gyorgy Bodnar. Elektrotechnika 56 no.10:475 0 '63.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

"Technology of applying synthetic resins in toolmaking" by H. Rittner. Reviewed by Gyorgy Bodnar. Elektrotechnika 56 no.10: 475 0 '63.

1. "Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

"Insulation of electrical parts by the swirl plastic coating method"
by Ing.Chem K.Ruhland. Reviewed by Gyorgy Bodnar. Elektrotechnika
56 no.10:475-476 0 '63.

1. Elektrotechnika" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New products of electrical engineering. Villamossag 11 no.5:
156-158 My '63.

1. "Villamossag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy, okleveles gepeszmernok

Methods for technical and economical analysis of low-voltage appliances. Villamosság 11 no.12:375-376 D'63.

"Electrotechnical structural materials and their resistance to climate" by Emil Buchchojcz. Reviewed by Gyorgy Bodnar. 380.

1. Ganz Kapcsolok es Keszulekek Gyara; "Villamosság" szerkeszto bizottsagi tagja.

BODNAR, GYORGY

New products in electric engineering. Villamosag 12 no.1:
28-30 Ja'64.

1. "Villamosag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New products in electrical engineering. Villamossag 12 no.
2: 62-63 F '64.

1. "Villamossag" szerkeszto bizottsagi tagja.

BODNAR, Gyorgy

New ways of comparing world production levels in electrical engineering. Villamossag 12 no. 3:90-92 Mr '64.

1. Editorial board member, "Villamossag."

BODNAR, Gyorgy

New products of electrical engineering. Villamossag 12
no. 4:126-128 Ap '64.

1. Editorial board member, "Villamossag."

BODNAR, Gyorgy

New products of electrical engineering. Villamosag 12 no.5:156-159
My '64.

1. Editorial board member, "Villamosag."

BODNAR, Gyorgy

New products in electrical engineering. Villamosag 12 no.6:
188-191 Je '64.

1. Editorial board member, "Villamosag."

BOENAR, György

Austrian Statistics of accident in electricity
in 1962. Villamossag 12 no.: 216-218 J1 '64.

New products in electrical engineering. Ibid: 238-239.

1. Editorial board member, "Villamossag."

BODNAR, Gyorgy

"Power plant machine hall with steel structure." Reviewed by Gyorgy Bodnar. Villamossag 12 no.8:254 Ag '64.

"Remanence switch." Reviewed by Gyorgy Bodnar. Ibid.: 254

"Testing device mounted on a motor vehicle for high-voltage cables." Reviewed by Gyorgy Bodnar. Ibid.: 254-255

New products in electrical engineering. Ibid.: 255-256

1. Editorial board member, "Villamossag."

BODNAR, Gyorgy

"Electric engines with printed rotors." Reviewed by Gyorgy Bodnar. Villamosag 12 no.9:281 S '64.

"Conservation of fresh fruit and vegetable by ionizing rays." Reviewed by Gyorgy Bodnar. Ibid.:282-283

New products in electrical engineering. Ibid.:283-285

1. Editorial board member, "Villamosag."

BODNAR, Gyorgy, dypl. inz. ekon.

Evaluation criteria of the technical and economic level of industrial products. Wlad elektrotechn 33 no.9:248-252 S'64

1. Chief of Technical Inspection, Switching Installations Plant, Ganz Corporation, Budapest.

BODNAR, Gyorgy

New products in electrical engineering. Villamosag 12
no.10:317-319 0 '64.

1. Editorial board member, "Villamosag."

BODNAR, Gyorgy

New products in electrical engineering. Villamosag 12
no.12:379-380 D '64.

1. Editorial board member, "Villamosag."

BODNAR, G.

For two crops. Zemledelie 26 no.7:61-62 J1 '64.

(MIRA 18:7)

BODNAR, Gyorgy

Foreign news. Elektrotechnika 57 no.10:460 0 '64.

"Development of the electric industry in Bulgaria" by Dr. L. Andrejev. Reviewed by Gyorgy Bodnar. Ibid.:471-473

"Electrophoresis as an electrotechnical process of insulation" by Paul Gulery, Hans-Werner Rotter. Reviewed by Gyorgy Bodnar. Ibid.:473

"Selection of engine protecting devices" by Eberhard Gohling, Adolf Pfeiffer. Reviewed by Gyorgy Bodnar. Ibid.: 473-474

"Prepare materials for the electric industry" by R. Dornick, K. Borowski. Reviewed by Gyorgy Bodnar. Ibid.:474

"A new laminated plastic for the electric industry" by E. Rulker. Reviewed by Gyorgy Bodnar. Ibid.:474

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New products in electrical engineering. Villamossag 13 no.1:
27-28 Ja '65.

"Nuclear underground explosion. "Reviewed by Gyorgy Bodnar.
Ibid.:29

"Radiotelephonic system for 50,000 subscribers." Reviewed
by Gyorgy Bodnar. Ibid.:30

"New way of automating technology:electrolytic burring."
Reviewed by Gyorgy Bodnar. Ibid.:30-31

"Minature covered thermoelectric cells. Reviewed by Gyorgy
Bodnar. Ibid.:31

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BODNAR, Gyorgy; BERENYI, L.

Foreign news. Elektrotechnika 58 no.2/3:117-130 F-M '65.

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Uranium obtained from the sea water. Villamossag 13 no.4:121 Ap '65.

Video recorder 3400. Ibid.:122

Noisless air contactors. Ibid.:122

Multiple-pole connectible heavy-current plug connector. Ibid.:122-123

Molybdenum 20, a new type high-strength bearing material. Ibid.:123

Electric power transmission by air-cooled cable. Ibid.:123

Galvanization of plastics. Ibid.:123-124

Track circuits operated by voltage pulses instead of direct currents.
Ibid.:124

New products of electrical engineering. Ibid.:124-126

1. Editorial Board Member, "Villamossag."

BODNAR, I.; SZIRMAI, E.; NEMETI, S.; BERTA, I.; SZUCS, G.; ARVAY, S.

Evaluation of our analgesic procedures in labor pain. Magyar orv. lap. 15 no. 11:324-327 Nov 1952. (CIML 23:5)

1. Doctors. 2. Obstetric and Gynecological Clinic (Director -- Prof. Dr. Sandor Arvay), Debrecen Medical University.

ELEK, T., Dr.; BODNAR, I.

An effort of attacking by "fideism" the scientific conception of material, space and time; an excerpt from the periodical "Technischen Rundschau" dealing with philosophy. Periodica polytechn eng 5 no.1: 79-95 '61.

1. Lehrstuhl für Marxismus-Leninismus, Technische Universität, Budapest.

(Philosophy) (Dialectical materialism)

GREBENSKIY, S.O.; GADZEVICH, L.I.; BODNAR, I.I.

Effect of X rays on the growth and yield of root crops. Biol.
deis. rad. no.1:90-98'62. (MIRA 16:6)

1. Kafedra fiziologii rasteniy L'vovskogo universiteta.
(PLANTS, EFFECT OF X RAYS ON) (ROOT CROPS)

1989

S/858/62/000/001/012/013
D296/D307

27 1220

2620

AUTHORS: Grebinskiy, S. O., Gadzevich, L. I. and Bodnar, I. I.

TITLE: The influence of x rays upon the growth and yield of root crops

SOURCE: L'vov. Universytet. Problemna lyaboratoriya radiobiologii. Biologicheskoye deystviye radiatsii, no. 1, 1962, 90 - 97

TEXT: Earlier studies (P. A. Vlasyuk, Rost rasteniy (The Growth of Plants), Izv. L'vovskogo un-ta, 1959, 363-370) had shown that treatment of sugar beets with radioactive isotopes stimulates the growth of the crop. The authors decided to study the effect of x rays. It was assumed that the expected influence would be more marked if sprouting seedlings were exposed rather than the inactive dry seeds. The seeds were moistened and when they had begun to sprout they were exposed to x rays from a distance of 2 m at a rate of 1000 r/min. The mature roots were weighed and compared with the weight of nonirradiated roots which served as the control.

Card 1/2

The influence of x rays ...

S/858/62/000/001/012/013
D296/D307

Exposure of sprouting seedlings to doses between 500 and 1000 r was found to lead to a significant increase in the yield of sugar beets, carrots and marrows. Irradiation of dry seeds, conversely, decreased the yield and the average weight of the roots. After exposure to radiation, the roots had a somewhat higher proportion of parenchymatous tissue which led to a slight decrease in the sugar content. There are 6 tables.

ASSOCIATION: Kafedra fiziologii rasteniy L'vovskogo universiteta
(Department of Plant Physiology, L'vov University)

Card 2/2

BODNAR, J.

"Innovators of the Tallya Quarry get Ready for April 4" p. 12

"Innovation Work in Stone and Gravel Production." p. 12

"Getting Ready for the Innovators' Exposition." p. 13

(Ujítok Lapja. Vol. 5, no. 5 Mar. 1953 Budapest.)

SO: Monthly List of East European Accessions. Vol. 3, no. 6
Library of Congress, June 1954, Uncl.

BODNAR, J.

BODNAR, J.

Record drill hole of 352.60 meters per month.

p. 317 (Rudy) Vol. 5, no. 9, Sept. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

BODNAR, J.

Industrial-form designing of wood-industry products. p.87

FAIPAR. (Faipari Tudomanyos Egyesulet)
Budapest, Hungary
Vol. 9, no.3, Mar. 1959

Monthly List of East European Accessions (EEAI) LC., Vol. 8, no.7, July 1959
Uncl.

1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												
PROCESSES AND PROPERTIES INDEX																									
CA Composition of tobacco smoke and denicotization of tobacco. J. BODNAR. <i>Terminologia. Kőolaj</i> 62, 397-404, 443-6(1930).—A review of the present methods for denicotization. Hungarian "Denikó" cigars and cigarettes did not contain less nicotine than ordinary ones. Cotton wool placed in the mouthpiece of cigarettes retained about 50% of the original nicotine content of the smoke. S. S. DE FINALLY													17												
ASAC-51A METALLURGICAL LITERATURE CLASSIFICATION																									
1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												
1ST AND 2ND ORDERS													3RD AND 4TH ORDERS												

M. A.

5.

Biochemical Significance of the Gold Content of Dental Amalgams.
János Bodnár, Odon Szép, and Iván Bucsy (Orsövi Hetilap, 1943, 87, 15-16;
C. Abs., 1949, 43, 9014).--Addition of gold in amounts as low as 0.1%
to dental amalgams strongly inhibits solution of mercury in saliva, and also
decreases the volatility of the mercury.

CA

14

Fluorine content of mineral springs of Budapest.
János Bodnár and János Straub (Univ. Debrecen, Hung.).
Magyar Értéktudományi Lapok 2, 1400-1501 (1946).
The following amounts of F were detd. in samples of various
hot springs. Eleven contained F in quantities varying
from 1.12 to 5.14 mg. per kg. F seems to be present not
as the F ion, and thus most can be removed by a simple
chem. treatment without any significant change in the
chem. compn. of the water. István Finály

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

C.A.

The activities of the Tobacco Biochemical Laboratory at Debrecen in 1946-1947. János Bodnár, Ilona Porcsalmy, Lőránd Szabó, and Imre Kiss (Univ., Debrecen, Hung.). *Magyar Kém. Folyóirat* 56, 137-41(1950).—The sugar detn. method of Pyrikl (using Pb acetate) was compared to the biol. method of Andreass-Toole-Binopoulos (*C.A.* 31, 8829; 33, 5089). The former gave higher values caused by presence of non-sugar substances. A micro-titrimetric method was worked out for the detn. of nicotine (I) in tobacco with low or no normicotine content. This method was more suitable for serial work than that of Pyl-Schmitt (*C.A.* 22, 1214). I showed no inhibition on phosphorylation in the carbohydrate metabolism of plants. Expts. with I and other insecticides affirmed that sprays—contg. chlorinated hydrocarbons have considerably weaker toxic effects on leaf lice of fruit trees than I. I. F.

1ST AND 2ND CODES										3RD AND 4TH CODES									
PROCESSES AND PROPERTIES INDEX																			
51 KINGZESI IPAR FOOD INDUSTRY Vol. V.-1951 No. 1, Jan. <i>1. Introduction</i> <i>and 1. Porcelain</i> Microvolumetric determination of nicotine in tobacco 24 30 Question box 31 37																			
ASD-51A METALLURGICAL LITERATURE CLASSIFICATION																			
FROM SYMBOLIC										FROM SYMBOLIC									
1ST GROUP										2ND GROUP									
1ST AND 2ND CODES										3RD AND 4TH CODES									

NAGY, L.Gy. (Budapest, XI., Budafoki ut 8); BODNAR, J. (Budapest, XI., Budafoki ut 8); DEMJEN, Z. (Budapest, XI., Budafoki ut 8); SANDOR, J. (Budapest, XI., Budafoki ut 8); SZEKRENYESI, T. (Budapest, XI., Budafoki ut 8)

Neutron activation investigation of impurities of high purity gallium. Periodica polytechnica 7 no.2:147-167 '63.

1. Department for Physical Chemistry, Polytechnical University, Budapest.

BODNAR, Jeno

TOTH, Bela, Dr.; BODNAR, Jeno, Dr.; RAJKOR, Jozsef, Dr.

Experiences with rheopyrin in inflammations of the uterine region.
Orv. hetil. 99 no.1:29-30 5 Jan 58.

1. A Tetsenyi-uti Teruleti Korhaz (igazgato: Zellner Pal dr.) Szulo-
nobeteg Osztalyanak (foorvos: Acs Miklos dr.) es I. sz Belosztalyanak
(foorvos: Zellner Pal dr.) kozlemenye.

(UTERUS, dis.

inflamm. of uterine region, ther., irgapyrin (Hun))

(AMINOPYRINE, ther. use

irgapyrin in inflamm. of uterine region (Hun))

(PHENYLEBUTAZONE, ther. use

same)

BODNAR, Jeno, dr.; HARGITAI, Ferenc, dr.; WERKNER, Janos, dr.

Experiences with dalgol. Orv. hetil. 102 no.14:643-645 2 Ap '61.

1. Fovarosi Tetenyi uti Korhaz, I Belosztaly, Budapest.

(HYPNOTICS AND SEDATIVES ther)

BODNAR, Juraj, inz.

Experience with the boring machine Cr 100 D. Geol pruzkum 5
no.9:280-281 S '63.

1. Geologicky prieskum, n.p., Zilina, zavod v Roznave.

BODNAR, Juraš, inz.

Problems of prospecting borings in Nizna Slana. Geol pruzkum
5 no.8:244-246 Ag '63.

1. Geologicky prieskum, n.p., Zilina, zavod Roznava.

BODNAR, Juraj, inz., nositel cestneho odznaku Nejlepsi pracovník
geologické služby

Mechanical turning and unturning of casing pipes. Geol
průzkum 6 no.1:23 Ja'64.

1. Geologický průzkum, n.p., Zilina, závod Rožnava.

JANOK,J.; LUKACOVA,K.; ROJKOVIC,D. Technicka spoluprace: BODNAR,K.---

Epidemic of Q fever in the Bardejov region. Bratisl. lek. listy
44 no.5:281-287 '64

1. OHES Bardejov, (riaditel: MUDr. A.Kalina); OHES Presov (riadi-
tel: MUDr. I.Gujova) a Infekcne odd. OUNZ Presov (veduci: MUDr.
D.Rojkovic).

*

BODNAR, Karoly, okleveles mernok

Application of low beams in steel railway bridges with web plates.
Melyepitestud szemle 14 no.6:283-288 Je '64.

1. Bridge Division, Railroad Planning Enterprise of the Hungarian
State Railways.

BODNAR, L.

"Generating Gas With Oxygen", P. 257, (MAGYAR ENERGIAGAZDASAG, Vol. 7,
No. 6, June 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.